Assignment #3

1) **0.0** **3.0** **7.0** **1.0**

2) **X = a + (b / c)** **y = (a + b) / 2 * 0.324**
z = 1 + 3 / (a + b) - d

3) **15.0** **16.0** **-112.0** **4.0** **3.0**

4)

01.cpp

```c
#include <stdio.h>
#define PI 3.14159265358979323846
int main()
{
    float radius,height,cost,total;
    printf("Enter The Radius Of the Base : "); scanf("%f",&radius);
    printf("Enter The Height Of the Container : "); scanf("%f",&height);
    printf("Enter The Cost Of the meter Square : "); scanf("%f",&cost);
    total = 2*PI*radius*height+PI*radius*radius*2;
    printf("The Total surface Area is %.2f",total);
    printf("\nSo The Cost will be %.2f",total*cost);
    return 0;
}
```

5)

01.cpp

```c
#include <stdio.h>
int main()
{
    float Grade[3],total;
    for (int i = 0 ; i < 3 ; i++)
    {
        printf("What did you get in exam%d ? ",i+1);
        scanf("%f",&Grade[i]);
    }
    total = Grade[0]*0.3+Grade[1]*0.3+Grade[2]*0.4;
    printf("\nYou Got %.2f Out Of 100",total);
    return 0;
}
```